

metaSETZ TLC-U

Universal Tally controller



The TLC-U is compatible with most video switchers that have a contact closure or open collector tally output. The TLC-U is available with 9, 15, 25 or 37 pin input connectors. Your TLC-U should have come preconfigured for your switcher. If in the future, you change switchers contact metaSETZ for information on reconfiguring your unit.

Connecting to the switcher

The TLC-U is powered via the USB port. Use the included power cube and cable or connect to any PC USB port. USB is used for power only and no data is transferred to or from your computer.

Connect the supplied control cable between the TLC-U and your switcher's tally port. This will be a 9, 15, 25 or 37 pin cable depending on your switcher.

Connecting the Tally Lights

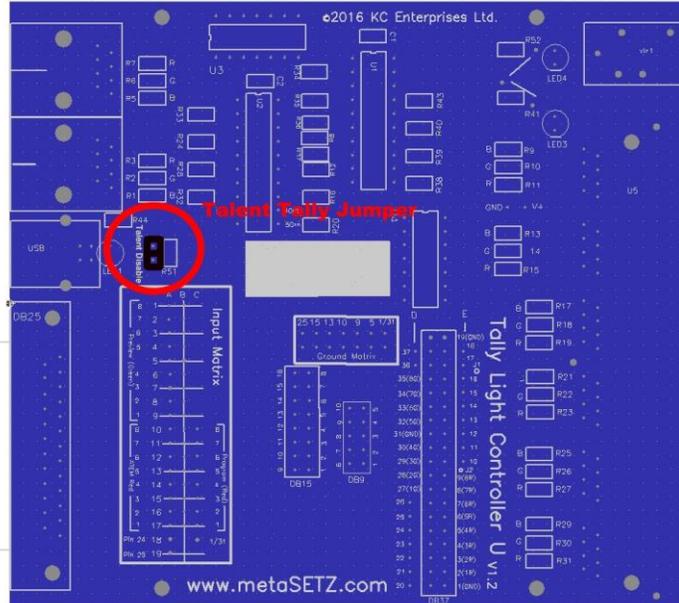
The TLC-U controller has eight tally ports. These ports correspond to the first eight tally outputs on your switcher. Some switchers have assignable tally outputs, check your switcher manual for details.

Tally lights are connected with standard Ethernet style cable wired. The system has been tested to 1000' (304 M) but long cable runs may pick up noise on the intercom lines.

The TLC-U is compatible with any properly configured metaSETZ tally light. TL-2-C lights should work out of the box. See your tally light manual for jumper configuration details for TL-1, TL-XD, TL-2-S or TL-2-H lights.

The TLC-U supports red (program) tally with an indicator for the camera op and the ultra-brite 'talent' LED on the tally light. If supported by your switcher the green (preview) indicator is also supported.

You can disable the talent LEDs globally via the 'Talent Disable' jumper on the controller's circuit board:



The jumper is located directly behind the USB connector. Short the two pins together with the included jumper to turn off all the talent tallies.

Note: While the metaSETZ tally system uses Ethernet style cable because of its low cost and general availability, the devices are not Ethernet based and should never be interconnected with actual networking equipment. Connecting to any such equipment can damage the network hardware or your tally system and is not covered under our warranty.

Using the Intercom Pass-Through

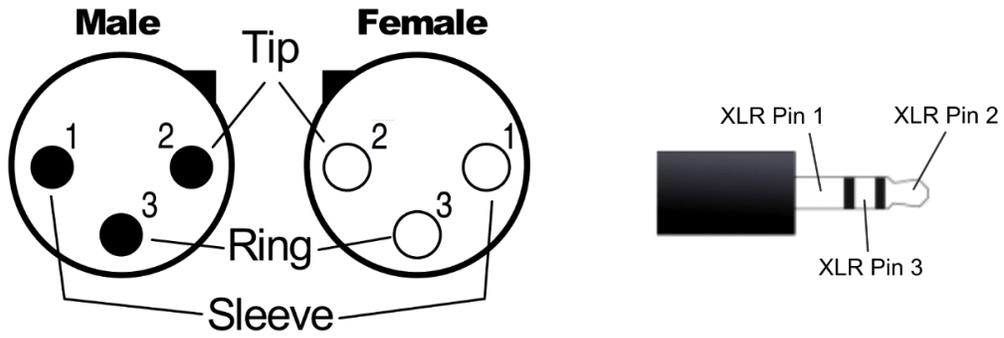
The intercom pass-through is compatible with any standard analog, party-line intercom system such as those from Clearcom, Production Intercom or Porta-Com that use three-pin XLR connectors.

The female XLR connector on the controller connects (in parallel) to the 3.5mm phone jack on the tally light. You can connect an intercom belt pack or master station to the XLR and then using 3.5mm to XLR adapter cables connect the camera operator's belt packs into the system. metaSETZ has a pre-wired adapter cable available. Other off the shelf cables will be wired incorrectly as they are designed to connect a balanced microphone to a computer's sound card.

An alternate use of the Intercom Pass-Through is as a low cost, one-way intercom system. Simply plug a mic (for the director) into a spare channel of your mixer and route it via an aux send to a headphone amp connected to the pass-through port then connect headphones to the tally lights for your camera ops.

One caveat is that since the headphones are all wired in parallel the impedance can drop very low. This can cause some headphone amps to distort. We recommend that if you are driving more than two or three of sets of headphones use a Behringer HA4700 headphone amp.

Pin outs:



1-800-692-6442 (toll free) or 1-812-330-0124 (outside US)

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